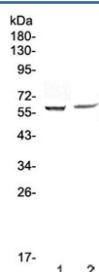


STAM1 Antibody (RQ4358)

Catalog No.	Formulation	Size
RQ4358	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q92783
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This STAM1 antibody is available for research use only.



Western blot testing of human 1) HepG2 and 2) PANC-1 cell lysate with STAM1 antibody at 0.5ug/ml. Predicted molecular weight ~59 kDa.

Description

Signal transducing adapter molecule 1 is a protein that in humans is encoded by the STAM gene. This gene encodes a member of the signal-transducing adaptor molecule family. These proteins mediate downstream signaling of cytokine receptors and also play a role in ER to Golgi trafficking by interacting with the coat protein II complex. The encoded protein also associates with hepatocyte growth factor-regulated substrate to form the endosomal sorting complex required

for transport-0 (ESCRT-0), which sorts ubiquitinated membrane proteins to the ESCRT-1 complex for lysosomal degradation. Alternatively spliced transcript variants have been observed for this gene.

Application Notes

Optimal dilution of the STAM1 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids F9-Q254 was used as the immunogen for the STAM1 antibody.

Storage

After reconstitution, the STAM1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.